LED Small Downlight & Adjustable downlight

Specifications
- Input Power Voltage: AC220-240V · 50/60Hz
- Life time: 20000h
- Material
- Body: PC
- Frame: PA + Ceramics Powder
- Frame Color: White

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Cut out:75mm</th>
<th>Cut out:75mm</th>
<th>Cut out:85mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Beam angle:120deg</td>
<td>Beam angle:38deg</td>
<td>Beam angle:120deg</td>
</tr>
<tr>
<td>Downlight</td>
<td>NNNC7561288 225 lm · 75.0 lm/W</td>
<td>NNNC7561488 225 lm · 56.2 lm/W</td>
<td>NNNC7303588 400 lm · 80 lm/W</td>
</tr>
<tr>
<td>Adjustable Downlight</td>
<td>NNNC7571288 225 lm · 75.0 lm/W</td>
<td>NNNC7571488 225 lm · 56.2 lm/W</td>
<td>NNNC7313588 400 lm · 80 lm/W</td>
</tr>
<tr>
<td>CRI 80</td>
<td>3000K</td>
<td>5000K</td>
<td></td>
</tr>
<tr>
<td>Power Consumption</td>
<td>3W</td>
<td>4W</td>
<td>5W</td>
</tr>
<tr>
<td>Diffuser/Lens</td>
<td>PC</td>
<td>PMMA</td>
<td>PC</td>
</tr>
<tr>
<td>Weight</td>
<td>90g</td>
<td>80g</td>
<td>100g</td>
</tr>
<tr>
<td>Dimensions (Width · Length · Height)</td>
<td>Wφ92 · H62.3</td>
<td>Wφ91 · H52</td>
<td>Wφ105 · H62.3</td>
</tr>
<tr>
<td>Illuminance distribution (reference)</td>
<td>□ 5000K</td>
<td>□ 5000K</td>
<td>□ 5000K</td>
</tr>
</tbody>
</table>

Input Power Voltage: AC220-240V · 50/60Hz
Life time: 20000h
Material
Body: PC
Frame: PA + Ceramics Powder
Frame Color: White
# LED Downlight

- **Specifications**
  - Beam angle: 100deg
  - Input Power Voltage: AC220-240V · 50/60Hz
  - Life time: 15000h
- **Material**
  - Body: PBT
  - Frame Color: White

## CRI 80

<table>
<thead>
<tr>
<th>CRI 80</th>
<th>Cut out: 95mm</th>
<th>Cut out: 125mm</th>
<th>Cut out: 150mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000K</td>
<td>NNP72249 640 lm · 80.0 lm/W</td>
<td>NNP73349 960 lm · 80.0 lm/W</td>
<td>NNP74449 1200 lm · 80.0 lm/W</td>
</tr>
<tr>
<td>6500K</td>
<td>NNP72259 720 lm · 90.0 lm/W</td>
<td>NNP73359 1080 lm · 90.0 lm/W</td>
<td>NNP74459 1350 lm · 90.0 lm/W</td>
</tr>
</tbody>
</table>

## Power Consumption

<table>
<thead>
<tr>
<th>Power Consumption</th>
<th>8W</th>
<th>12W</th>
<th>15W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>140g</td>
<td>200g</td>
<td>270g</td>
</tr>
</tbody>
</table>

## Dimensions (Width · Length · Height)

<table>
<thead>
<tr>
<th>Dimensions (Width · Length · Height)</th>
<th>Cut out: 95mm</th>
<th>Cut out: 125mm</th>
<th>Cut out: 150mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width 115 · Height 68.5</td>
<td>Width 145 · Height 78.5</td>
<td>Width 175 · Height 84.5</td>
<td></td>
</tr>
</tbody>
</table>

## Illuminance distribution (reference)

- **6500K**

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2019.01 ver.3
LED Panel Downlight (Round)

Specifications
Beam angle: 120deg
Input Power Voltage: AC220-240V・50/60Hz
Life time: 20000h

Material
Body: PC
Frame Color: White

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Cut out 105mm</th>
<th>Cut out 105mm</th>
<th>Cut out 155mm</th>
<th>Cut out 170mm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3000K</strong></td>
<td>NNP712563</td>
<td>NNP722563</td>
<td>NNP735563</td>
<td>NNP745563</td>
</tr>
<tr>
<td>CRI 80</td>
<td>360 lm・60.0 lm/W</td>
<td>500 lm・62.5 lm/W</td>
<td>850 lm・70.8 lm/W</td>
<td>1080 lm・72.0 lm/W</td>
</tr>
<tr>
<td><strong>6500K</strong></td>
<td>NNP712663</td>
<td>NNP722663</td>
<td>NNP735663</td>
<td>NNP745663</td>
</tr>
<tr>
<td></td>
<td>360 lm・60.0 lm/W</td>
<td>500 lm・62.5 lm/W</td>
<td>850 lm・70.8 lm/W</td>
<td>1080 lm・72.0 lm/W</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>6W</td>
<td>8W</td>
<td>12W</td>
<td>15W</td>
</tr>
<tr>
<td>Weight</td>
<td>107g</td>
<td>115g</td>
<td>187g</td>
<td>230g</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Wφ120・H9.8</td>
<td>Wφ170・H9.8</td>
<td>Wφ185・H9.8</td>
<td></td>
</tr>
<tr>
<td>Illuminance</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>distribution (reference)</td>
<td>6500K</td>
<td>6500K</td>
<td>6500K</td>
<td></td>
</tr>
</tbody>
</table>
LED Panel Downlight (Square)

Specifications
- Beam angle: 120deg
- Input Power Voltage: AC220-240V・50/60Hz
- Life time: 20000h

Material
- Body: PC
- Frame Color: White

<table>
<thead>
<tr>
<th>CRI 80</th>
<th>Cut out 105mm</th>
<th>Cut out 105mm</th>
<th>Cut out 155mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000K</td>
<td>NNP712573</td>
<td>NNP722573</td>
<td>NNP735573</td>
</tr>
<tr>
<td></td>
<td>360 lm • 60.0 lm/W</td>
<td>500 lm • 62.5 lm/W</td>
<td>850 lm • 70.8 lm/W</td>
</tr>
<tr>
<td>6500K</td>
<td>NNP712673</td>
<td>NNP722673</td>
<td>NNP735673</td>
</tr>
<tr>
<td></td>
<td>360 lm • 60.0 lm/W</td>
<td>500 lm • 62.5 lm/W</td>
<td>850 lm • 70.8 lm/W</td>
</tr>
</tbody>
</table>

- Power Consumption: 6W, 8W, 12W
- Weight: 127g, 135g, 234g

- Dimensions (Width・Length・Height): W120・L120・H9.8, W170・L170・H9.8

Illuminance distribution (reference) 6500K

2019.01 ver.3
LED Batten

Specifications
Beam angle: Diffusion
Input Power Voltage: AC220-240V, 50/60Hz
Life time: 20000h

Material
Body: PC
Diffuser: PC

Maximum number of connections
1ft: 23pcs
2ft: 13pcs
4ft: 8pcs

<table>
<thead>
<tr>
<th>CRI 80</th>
<th>1ft</th>
<th>2ft</th>
<th>4ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000K</td>
<td>NNFC5002988 330 lm - 82.5 lm/W</td>
<td>NNFC5002888 600 lm - 85.7 lm/W</td>
<td>NNFC5002688 1200 lm - 85.7 lm/W</td>
</tr>
<tr>
<td>6500K</td>
<td>NNFC5017988 330 lm - 82.5 lm/W</td>
<td>NNFC5017888 600 lm - 85.7 lm/W</td>
<td>NNFC5017688 1200 lm - 85.7 lm/W</td>
</tr>
</tbody>
</table>

Power Consumption
4W, 7W, 14W

Weight
60g, 90g, 160g

Dimensions
(W22 · L319 · H34) (W22 · L592 · H34) (W22 · L1192 · H34)
## LED Spotlight (Surface mount)

- **Beam angle 30deg**
  - White: NNRC7601488 (300 lm・60.0 lm/W)
  - Black: NNRC7601588 (300 lm・60.0 lm/W)
  - White: NNRC7601688 (420 lm・60.0 lm/W)
  - Black: NNRC7601788 (420 lm・60.0 lm/W)

- **Beam angle 35deg**
  - White: NNRC7606488 (300 lm・60.0 lm/W)
  - Black: NNRC7606588 (300 lm・60.0 lm/W)
  - White: NNRC7606688 (420 lm・60.0 lm/W)
  - Black: NNRC7606788 (420 lm・60.0 lm/W)

### Specifications
- **Input Power Voltage:** 220-240V・50/60Hz
- **Life time:** 20000h
- **Weight:** 0.16kg
- **Dimensions:** Width 60・Length 60・Height 125

### Material
- **Body:** Al6063
- **Diffuser:** PMMA

### Table

<table>
<thead>
<tr>
<th>CRI 80</th>
<th>Beam angle 30deg</th>
<th>Beam angle 35deg</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000K</td>
<td>White: NNRC7601488 (300 lm・60.0 lm/W)</td>
<td>White: NNRC7606488 (300 lm・60.0 lm/W)</td>
</tr>
<tr>
<td>6500K</td>
<td>Black: NNRC7601588 (300 lm・60.0 lm/W)</td>
<td>Black: NNRC7606588 (300 lm・60.0 lm/W)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Power Consumption
- 5W
- 7W

### Illuminance distribution (reference)

<table>
<thead>
<tr>
<th>Value</th>
<th>0</th>
<th>5</th>
<th>10</th>
<th>15</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0</td>
<td>5</td>
<td>10</td>
<td>15</td>
<td>20</td>
</tr>
</tbody>
</table>

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2019.01 ver.3
LED Spotlight (Duct mount)

Specifications
Input Power Voltage: AC220-240V・50/60Hz
Life time: 20000h
Weight: 0.16kg
Dimensions: Width 60・Length 130・Height 125

Material
Body: AL6063
Diffuser: PMMA

Beam angle 30deg

<table>
<thead>
<tr>
<th>Color</th>
<th>Model</th>
<th>Lumens</th>
<th>Lm/W</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>NNNC7601088</td>
<td>300</td>
<td>60.0</td>
</tr>
<tr>
<td>Black</td>
<td>NNNC7601188</td>
<td>300</td>
<td>60.0</td>
</tr>
</tbody>
</table>

Beam angle 35deg

<table>
<thead>
<tr>
<th>Color</th>
<th>Model</th>
<th>Lumens</th>
<th>Lm/W</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>NNNC7601288</td>
<td>420</td>
<td>60.0</td>
</tr>
<tr>
<td>Black</td>
<td>NNNC7601388</td>
<td>420</td>
<td>60.0</td>
</tr>
</tbody>
</table>

Power Consumption

- 5W
- 7W

Illuminance distribution (reference) 6500K

Lighting Duct

RAIL-2-10-W88 (White)
RAIL-2-10-B88 (Black)
Length: 1m

connector

I style
CON-2-180-W88 (White)
CON-2-180-B88 (Black)

L style
CON-2-90-W88 (White)
CON-2-90-B88 (Black)

Panasonic

2019.01 ver.3
LED Small Ceiling Light

**HH-LA0604CC88**
- **Specifications**
  - Input Power Voltage: 220V-50/60Hz
  - 550 lm ・ 8W ・ 68.7 lm/W
  - 6500K/CRI 80
  - Life time: 20000h
  - Weight: 0.4kg
  - Dimensions: Width φ260 ・ Height 80
- **Material**
  - Body: PBT
  - Diffuser: PMMA
  - Casing: PBT

**HH-LA1035CC88**
- **Specifications**
  - Input Power Voltage: 220V-50/60Hz
  - 1000 lm ・ 12W ・ 83.3 lm/W
  - 6500K/CRI 80
  - Life time: 20000h
  - Weight: 1.0kg
  - Dimensions: Width φ310 ・ Height 80
- **Material**
  - Body: SPCC
  - Diffuser: PMMA

**HH-LA1629CC88**
- **Specifications**
  - Input Power Voltage: 220-240V-50/60Hz
  - 1600 lm ・ 19W ・ 84.2 lm/W
  - 6500K/CRI 80
  - Life time: 20000h
  - Weight: 1.6kg
  - Dimensions: Width φ400 ・ Height 106
- **Material**
  - Body: SPCC
  - Diffuser: PMMA
  - Casing: PBT
Specifications
Input Power Voltage: 220-240V · 50/60Hz
Life time: 30000h

Material
Body: Iron
Reflector: PET
Diffuser: PS
Trim: ABS

## LED Baselighting

<table>
<thead>
<tr>
<th>CRI 80</th>
<th>600×600 (595×595)</th>
<th>300×1200 (295×1195)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000K</td>
<td><strong>NNFC7014588</strong></td>
<td>3200 lm · 100.0 lm/W</td>
</tr>
<tr>
<td>4000K</td>
<td><strong>NNFC7011588</strong></td>
<td>3200 lm · 100.0 lm/W</td>
</tr>
<tr>
<td>5000K</td>
<td><strong>NNFC7016588</strong></td>
<td>3200 lm · 100.0 lm/W</td>
</tr>
<tr>
<td>6500K</td>
<td><strong>NNFC7019588</strong></td>
<td>3200 lm · 100.0 lm/W</td>
</tr>
</tbody>
</table>

### Power Consumption
- 32W

### Weight
- 600×600: 2.65kg
- 300×1200: 2.41kg
Comfortable & Advanced with Bluetooth

Bluetooth Control System for Various Scenes

- Turn your room into a desirable space
- Easily controllable multiple functions

Fully enjoy the functions in your house.

**Down Light**
Suitable for local lighting. Use as a TV wall lamp or light up artworks to create elegant lighting effects.

**Stereo Table Lamp**
Provides sufficient lighting and functions as a speaker connected with a mobile phone to play music and make you relaxed.

**Ceiling Light in Living Room**
Provides sufficient lighting in a living room. Switch to multiple patterns for use in parties, family gatherings, movie watching, etc.

**Dining Lamp**
Lights up the dinner table. Multiple lighting color combinations are available. Bright white light for increasing motivation, suitable for reading and writing. Warm yellow light makes you feel warm and enhances the color of food.

Easy control of all light fixture in the room
Applies to both iOS and Android systems
APP is free for download and updating.

Freely switch among different scenes.

- **Switch among scenes**
  Provides sufficient light to necessary areas, while making shadows to produce spaces for relaxation in other areas. Sophisticated use of the switch combinations of lamps and lights create various moods in your room.

- **Individual Fine tuning**
  Switch the lighting modes freely. You can fine-tune separate brightness and colors to create the best, comfortable and satisfactory lighting environment. Use your mobile phone to switch the modes.

The Bluetooth Control System helps you create a simple and comfortable life.

<table>
<thead>
<tr>
<th>Intelligent</th>
<th>Thoughtful</th>
<th>Interesting</th>
</tr>
</thead>
</table>
| - APP Control
  Applies to both iOS and Android systems. | - Delay and Timer
  The delay and timing functions solve the problem of forgetting to turn off the lights. | - RGB Dynamic State
  Dreamy background light makes you feel like you are in a fairy tale. |
| - Energy Consumption Display
  Real-time energy consumption is displayed; you can know the total energy consumption of each light fixture. | - Peace of Mind (timer)
  Peace of Mind mode (timer) enables automatic light control which mimics the normal times lights are turned on to make it appear as if someone is home to decrease security risk when you are away from home for a long period of time. | - The Wake up Aid Function
  Is based on the biological clock, which simulates the change of sunlight for a more relaxed awakening. |
| - Synchronized Toning
  Comfortable and desirable lights available.
  Experience comfortable light changes with one click. | - Welcome Home Function
  Select the light fixture in the system, which will be turned on when you come back home. When it is dark, there will always be one light fixture on for you at home. | - Shake
  Shake your mobile phone to select your favorite lighting mode. |
HH-LAW256088

**Specifications**
- Input Power Voltage: 220-240V・50/60Hz
- 2500 lm・45W・56.8 lm/W
- 2700K-4600K
- Life time: 20000h
- Weight: 3.7kg
- Dimensions: Width φ630・Height 91

**Material**
- Body: Clear panel plus printed decoration
- Silver printed decorative frame

**AppControl**
- Recommended scenes (Night light, Relaxing, Reading, Normal)
- 4600K→2700K Switch over with one push

**Power Supply**

**Combination Model Number**
- NNNCW76002A388 →3 Downlight + 1 Power Supply
- NNNCW76002A488 →4 Downlight + 1 Power Supply
- NNNCW76002A588 →5 Downlight + 1 Power Supply

HH-LBW1106088

**Specifications**
- Input Power Voltage: 220-240V・50/60Hz
- 1600 lm・21W・76.2 lm/W
- 2700K-4600K
- Life time: 20000h
- Weight: 4.5kg
- Dimensions: Width φ500

**Material**
- Body: Clear panel plus printed decoration
- Silver printed decorative frame

**AppControl**
- Recommended scenes (Night light, Relaxing, Reading, Normal)
- 4600K→2700K Switch over with one push

**Power Supply**

**Combination Model Number**
- NNNCW76002A388 →3 Downlight + 1 Power Supply
- NNNCW76002A488 →4 Downlight + 1 Power Supply
- NNNCW76002A588 →5 Downlight + 1 Power Supply

**Downlight (NNNCW76002A88)**

**Specifications**
- Input Power Voltage: 220V・50Hz
- 250 lm・4.4W・56.8 lm/W
- 2700K-4600K
- Life time: 20000h
- Cut out: 75mm
- Weight: 0.48kg
- Dimensions: Width 85・Length 85・Height 74.5

**Material**
- Body: Silver coated Metal body

**AppControl**
- Use with Power Supply
- Synchronized Color
- Delay Off
- Night Light Mode
- Morning Wake Up

**Power Supply**

(Available for only Combination Model)

**Specifications**
- Input Power Voltage: 220-240V・50/60Hz
- 37.4W
- Life time: 20000h
- Weight: 0.19kg
- Dimensions: Width 167.4・Length 56・Height 30
(Max 5 pcs/PS)

**Material**
- Body: PC

**AppControl**
- Use with Downlight (NNNCW76002A88)
LED Light Guide Plate

HH-LA606188
Specifications
Input Power Voltage: 220-240V・50/60Hz
5100 lm ・ 64W ・ 79.6 lm/W
■ 3000K×3pcs ■ 5000K×3pcs/
CRI80
Life time: 20000h
Weight: 12.5kg
Dimensions: Width φ787
(Light Source φ280) ・Height 700-400
Material
Body: PMMA/IRON

HH-LA202988
Specifications
Input Power Voltage: 220-240V・50/60Hz
2550 lm ・32W ・79.6 lm/W
■ 5000K/CRI 80
Life time: 20000h
Weight: 3.13kg
Dimensions: Width φ558
(Light Source φ280) ・Height 1200-900
Material
Body: PMMA/IRON

HH-LA401588
Specifications
Input Power Voltage: 220-240V・50/60Hz
2550 lm ・32W ・79.6 lm/W
■ 5000K/CRI 80
Life time: 20000h
Weight: 3.47kg
Dimensions: Width φ960
(Light Source φ280) ・Height 1200-900
Material
Body: PMMA/IRON

HH-LW100088
Specifications
Input Power Voltage: 220-240V・50/60Hz
350 lm ・5W ・66.6 lm/W
■ 5000K/CRI 80
Life time: 20000h
Weight: 0.64kg
Dimensions: Width φ240
Material
Body: PMMA/IRON

HH-LT030102
Specifications
Input Power Voltage: 220-240V・50/60Hz
400 lm ・6W ・66.6 lm/W
■ 5000K/CRI 80
Life time: 20000h
Weight: 3.5kg
Dimensions: Width φ240・Height 345
Material
Body: PMMA/Aluminum
Ceiling Light

HH-LAZ167088
- Specifications
  - Input Power voltage: 220V・50Hz/60Hz
  - 1600 lm ・ 21W ・ 76.1 lm/W
  - ■ 3000K・ ■ 6500K/CRI 80
  - Life time: 30000h
  - Weight: 5000g
  - Dimensions: Width φ590 ・ Height 139
  - Dimming (100%-5%)
- Material
  - Body: Milky White acrylic Cover
  - Silver frame

HH-LAZ174988
- Specifications
  - Input Power voltage: 220V・50Hz/60Hz
  - 1600 lm ・ 21W ・ 76.1 lm/W
  - ■ 3000K・ ■ 6500K/CRI 80
  - Life time: 30000h
  - Weight: 3000g
  - Dimensions: Width φ511 ・ Height 87
  - Dimming (100%-5%)
- Material
  - Body: Milky White acrylic Cover
  - Blue frame

2019.01 ver.3
LED Mirror Light (High CRI)

HH-LW0512288

Specifications
Input Power Voltage: 220-240V・50/60Hz
700 lm ・10W ・70 lm/W
5000K/CRI 95
Life time: 20000h
Weight: 1.5kg
Dimensions: Width 580・Length 238・Height 150

Material
Body: PMMA/Aluminum

Spectrum control for beauty.

The spectrum control technology makes object looks more beautiful.

- 570-580nm is the key wavelength range that makes color look more beautiful.

Realized by the spectrum control technology.
LED Mirror Light

HH-LW0410388
- Specifications
  - Input Power voltage: 220V・50Hz/60Hz
  - 400 lm・7W・57.1 lm/ W
  - 5000K/CRI 80
  - Life time: 20000h
  - Weight: 750g
  - Dimensions: Width 400・Length 228・Height 85
- Material
  - Body: PMMA/Aluminium

HH-LW0510388
- Specifications
  - Input Power voltage: 220V・50Hz/60Hz
  - 500 lm・10W・50.0 lm/ W
  - 5000K/CRI 80
  - Life time: 20000h
  - Weight: 900g
  - Dimensions: Width 600・Length 228・Height 85
- Material
  - Body: PMMA/Aluminium

HH-LW0420188
- Specifications
  - Input Power voltage: 220V・50Hz/60Hz
  - 350 lm・7W・50.0 lm/ W
  - 3000K/CRI 80
  - Life time: 20000h
  - Weight: 750g
  - Dimensions: Width 400・Length 228・Height 85
- Material
  - Body: PMMA/Aluminium

HH-LW0520188
- Specifications
  - Input Power voltage: 220V・50Hz/60Hz
  - 450 lm・10W・45.0 lm/ W
  - 3000K/CRI 80
  - Life time: 20000h
  - Weight: 900g
  - Dimensions: Width 600・Length 228・Height 85
- Material
  - Body: PMMA/Aluminium
Flood light

- Specifications
  - Beam angle: 120deg
  - Input Power voltage: 220-240 V · 50/60Hz
  - IP65
  - Life time: 30000h
- Material
  - Body: ADC12+GLASS+SPCC

<table>
<thead>
<tr>
<th></th>
<th>176×176</th>
<th>208×208</th>
<th>322×322</th>
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<tbody>
<tr>
<td>CRI 70</td>
<td>NNYC207903088</td>
<td>NNYC207905088</td>
<td>NNYC207910088</td>
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<tr>
<td></td>
<td>2700 lm · 90.0 lm/W</td>
<td>4500 lm · 90.0 lm/W</td>
<td>9000 lm · 90.0 lm/W</td>
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<tr>
<td>Power Consumption</td>
<td>30W</td>
<td>50W</td>
<td>100W</td>
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<tr>
<td>Weight</td>
<td>860g</td>
<td>1120g</td>
<td>2790g</td>
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<tr>
<td>Height</td>
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<td>52</td>
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Illuminance distribution (reference)
- CD-C180
- C90-C270
## Specifications
- **Beam angle:** 145deg × 65deg  
- **Input Power voltage:** 100-277V · 50/60Hz  
- **IP65**  
- **Life time:** 50000h

### Material
- **Body:** ADC12+GLASS

### Adaptable pole size
- 30W φ50  
- 50W φ50  
- 90W φ60

### Table

<table>
<thead>
<tr>
<th>CRI 70</th>
<th>397.5×156.3</th>
<th>452.5×186.4</th>
<th>534×257.4</th>
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<tbody>
<tr>
<td><strong>Power Consumption</strong></td>
<td>30W</td>
<td>60W</td>
<td>90W</td>
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<td><strong>Weight</strong></td>
<td>1440g</td>
<td>2320g</td>
<td>4240g</td>
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<tr>
<td><strong>Height</strong></td>
<td>74.9</td>
<td>67.1</td>
<td>71.4</td>
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### Illuminance distribution (reference)
- **C0-C180**  
- **C90-C270**
Panasonic

Highbay

Specifications
Beam angle: 120deg
Input Power voltage: 220-240V・50/60Hz
IP65
Life time: 30000h

Material
Body: ADC12+GLASS

<table>
<thead>
<tr>
<th>Specifications</th>
<th>φ200</th>
<th>φ260</th>
<th>φ320</th>
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<tr>
<td>CRI 70</td>
<td>5700K</td>
<td>NNYC800105088</td>
<td>NNYC800110088</td>
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<td>Power Consumption</td>
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<td>100W</td>
<td>150W</td>
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<tr>
<td>Weight</td>
<td>1100g</td>
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<td>3510g</td>
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<td>Height</td>
<td>81</td>
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<td>122</td>
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Illuminance distribution (reference)
- CD-C180
- C90-C270
Specifications
Base: GU5.3
Beam angle: 38deg
Input Power voltage: 100-240V
Life time: 15000h

<table>
<thead>
<tr>
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<tr>
<td>CRI 80</td>
<td>LDMHV3L30MG5T</td>
<td>LDMHV4L30MG5T</td>
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<td>250 lm · 83.3 lm/W</td>
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<td>Power Consumption</td>
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<td>4.5W</td>
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<td>Length</td>
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